

Listing and Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) Method of reproduction within an audio documents reproduction apparatus wherein it the method comprises ~~the following steps~~:
 - partitioning of the documents into groups of documents possessing at least one similar audio characteristic,
 - determination of ~~at least one~~ several audio documents representing each group,
 - positioning of a plurality of audio documents in a space, the positioning of an audio document being dependent on at least one characteristic of the document, the user occupying a position in the said space,
 - reproduction of ~~at least one~~ several identifiers of a document representing a group, the reproduced identifier or identifiers having a position situated at a distance less than a determined distance with respect to the position of the user in the space, the identifiers being reproduced loopwise when this group is selected.
2. (Currently amended) Method of reproduction according to Claim 1; wherein it the method comprises ~~a step of~~ introducing commands for navigating group wise, each command activating the reproduction of at least one identifier representing the graphically emphasized group.
3. (Currently amended) Method of reproduction according to Claim 1; wherein it the method comprises ~~a step of~~ introducing a command activating the reproduction of audio documents within the group whose identifier is reproduced, the reproduction of audio documents being performed in a predetermined order.
4. (Currently amended) Method of reproduction according to claim 1, wherein the ~~step of~~ determination comprises a ~~step of~~ representation of the documents in a space whose number of dimensions is equal to the number of audio parameters, and

whose documents are associated with points disposed within this space, the determination of a document of the group as representative of this group depending on the distance between the points associated with the documents of the group and the point associated with this document.

5. (Currently amended) Method of reproduction according to Claim 4; wherein the ~~step~~ of representation comprises a ~~step of~~ projection onto a space of determined dimension of the points associated with the documents of the set and possessing as coordinates the audio parameters, the calculation of distance between the equibarycentre of the group and the point associated with this document being performed in the projection space.
6. (Previously presented) Method of reproduction according to Claim 4; wherein the documents representing a group are associated with points whose distances from the equibarycentre of the points of the documents of the group lie in a determined interval.
7. (Currently amended) Method of reproduction according to Claim 3 [[4]]; wherein the predetermined order of reproduction of the documents of a group consists in commencing with that whose point is the closest to the barycentre, and thereafter in taking those situated further and further away.
8. (Previously presented) Method of reproduction according to Claim 1; wherein a representative document of a group possesses low-level parameters whose values are close to the average of the values of the documents of the group.
9. (Currently amended) Method of reproduction according to claim 1; wherein ~~if several documents are representatives of a group~~, the reproduction of each of the documents representative of this group, is performed sequentially during a determined period.
10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Currently amended) Audio documents reproduction apparatus comprising a means of command introduction; wherein it the apparatus comprises furthermore

a means of calculation for partitioning documents into groups of documents possessing at least one similar audio characteristic,

a means of determination of ~~at least one~~ several documents representing each group,

a means of calculation of positioning data associated with each document in a space, the data being determined by at least one characteristic specific to the document, a positioning datum also being assigned to the position of the user within the space,

a means of selection of ~~at least one~~ each document representing a group, the selected document or documents having a position situated at a distance less than a determined distance with respect to the position of the user in the space,

a means of reproduction of ~~at least one identifier of at least one document representing a group~~ reproducing the identifiers loopwise when the group is selected.

14. (Currently amended) Audio documents reproduction apparatus according to Claim 13; wherein it the apparatus furthermore comprises a groupwise navigation commands introduction means, each command activating the reproduction of at least one identifier representing the graphically emphasized group.

15. (Currently amended) Audio documents reproduction apparatus according to Claim 13; wherein it the apparatus comprises a means of introduction of a command activating the means of reproduction of audio documents within the group whose identifier is reproduced, the reproduction of audio documents being performed in a predetermined order.

16. (Currently amended) Audio documents reproduction apparatus according to Claim 13; wherein ~~it~~ the apparatus comprises a means of representation of the documents in a space whose number of dimensions is equal to the number of audio parameters, and whose documents are associated with points disposed within this space, the means of determination of at least one document representing a group takes into account the distance between the equibarycentre of the points associated with the documents of the group and the point associated with this document.
17. (Currently amended) Audio documents reproduction apparatus according to Claim 16; wherein the means of determination of at least one document representing a group chooses those ~~that~~ whose point is closest to the equibarycentre of the points of the documents of the group.
18. (Previously presented) Audio documents reproduction apparatus according to Claim 15; wherein the means of reproduction reproduces the documents commencing with that whose point is closest to the barycentre of the points associated with the documents of the group, and thereafter those situated further and further away from the barycentre.
19. (Currently amended) Audio documents reproduction apparatus according to Claim 13; wherein the means of determination of ~~at least one~~ each document representing a group chooses those~~that~~ whose values of the audio characteristics are close to the average of the values of the documents of the group.
20. (Currently amended) Audio documents reproduction apparatus according to Claim 13; wherein ~~if the means of determination has chosen several documents representing a group,~~ the means of reproduction sequentially reproduces each ~~identifier of the document~~ representative of this group ~~chosen~~ during a determined period.
21. (Cancelled)

22. (Cancelled)

23. (New) The method of reproduction according to claim 9; wherein the method comprises an introducing of the determined period.

24. (New) The method of reproduction according to claim 4; wherein the reproduction of the identifiers commences with that whose point is closest to the barycentre of the points associated with the documents of the group, and thereafter those situated further and further away from the barycentre.

25. (New) An audio documents reproduction apparatus according to Claim 20; wherein the apparatus comprises a means of introducing of the determined period.

26. (New) An audio documents reproduction apparatus according to Claim 16 ; wherein the means of reproducing commences the reproducing of the identifiers with that whose point is closest to the barycentre of the points associated with the documents of the group, and thereafter those situated further and further away from the barycentre.